

Must ship 24609

PRELIMINARY ISSUE

Work Order ID 52254

Monday, September 21, 2009 2:25:02 PM



Item ID: D3992-1
Revision ID: A-PRELIM
Item Name: Reinforcement

Accept



Setup Start



Stop



Start Date: 9/22/2009 Start Qty: 1.00
Required Date: 9/30/2009 Req'd Qty: 1.00



Cust Item ID:
Customer:

Reference:

Approvals: Process Plan: PH Date 09-9-21 Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start



Stop



| Sequence ID/ Work Center ID | Operation Description | Set Up/ Run Hours | Draw Number | Draw Rev. | Plan Code | Accept Qty | Reject Qty | Reject Number | Insp. Stamp |
|--------------------------------|---|----------------------|----------------|--------------|--------------|---------------|---------------|------------------|------------------|
| Draw Nbr | Revision Nbr | | | | | | | | |
| D3992 | A_PRELIM | | | | | | | | |
| 100 | | 0.00 | | | | | | | |
| | Waterjet | | | | | | | | |
| FLOW CNC Waterjet | Memo 1-Cut as per Dwg D3992 Dwg Rev: <u>PRE</u> Prog Rev: <u>Lim</u> 2-Deburr if necessary | 0.00 | | | | | | | <u>IB 9-9-22</u> |
| | 6061 .080 | | | | | | | | |
| 110 | QC2- Inspect parts off machine FAI/FAIB | 0.00 | | | | | | | |
| | QC | | | | | | | | |
| Quality Control | Memo | 0.00 | | | | | | | <u>IB 9-9-22</u> |



Work Order ID 52254


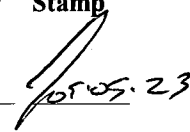


Monday, September 21, 2009 2:25:02 PM



Page 2

Item ID: D3992-1 Accept  Setup Start 
Revision ID: A-PRELIM Stop 
Item Name: Reinforcement
Start Date: 9/22/2009 Start Qty: 1.00  Cust Item ID:
Required Date: 9/30/2009 Req'd Qty: 1.00  Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start 
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop 






| Sequence ID/ Work Center ID | Operation Description | Set Up/ Run Hours | Draw Number | Draw Rev. | Plan Code | Accept Qty | Reject Qty | Reject Number | Insp. Stamp |
|--|---|----------------------|----------------|--------------|-----------------|---------------|---------------|------------------|--|
| 120  QC Quality Control | QC8- Inspect parts - second check Memo | 0.00 0.00 | | | | 2 | | |  09.23 |
| 130  Brake NC Brake NC | Bend as per dwg Memo | 0.00 0.00 | SB 09/29/23 | | | 2 | | | |
| 140  QC Quality Control | QC5- Inspect part completeness to step on W/O Memo | 0.00 0.00 | 2 | 501.5/24 | 4/2/09/09/24/24 | | | | |



ENGINEERING
APPROVAL




Work Order ID 52254

Monday, September 21, 2009 2:25:02 PM

Page 3

| | | | | | | |
|----------------|---------------|------------|---|---|---------------|---|
| Item ID: | D3992-1 | Accept |  | Setup | Start |  |
| Revision ID: | A-PRELIM | | | | Stop |  |
| Item Name: | Reinforcement | | | | | |
| Start Date: | 9/22/2009 | Start Qty: | 1.00 |  | Cust Item ID: | |
| Required Date: | 9/30/2009 | Req'd Qty: | 1.00 |  | Customer: | |
| Reference: | | | | | | |

| | | | | | | | |
|------------|---------------|-------|------------|-------|-----|-------|---|
| Approvals: | Process Plan: | Date: | Tooling: | Date: | Run | Start |  |
| | QC: | Date: | SPC (Y/N): | Date: | | Stop |  |

| Sequence ID/ Work Center ID | Operation Description | Set Up/ Run Hours | Draw Number | Draw Rev. | Plan Code | Accept Qty | Reject Qty | Reject Number | Insp. Stamp |
|---|---|----------------------|----------------|--------------|--------------|---------------|---------------|------------------|----------------|
| 150  HandFinish Hand Finishing | <i>[Signature]</i> Chemical Conversion Coat per QSI005 4.1 Memo | 0.00 0.00 | N/A <i>cc</i> | | | | | | |
| 160  QC Quality Control | <i>[Signature]</i> QC3- Inspect Part Finish Memo | 0.00 0.00 | N/A <i>cc</i> | | | | | | |
| 170  Packaging Packaging | Identify as per dwg & Stock Location: _____ Memo | 0.00 0.00 | w 09.09.28 | | | | | | |

send to Harvey - E296
per ECN 0946738

9/19/24 SP (20)
Charge to RD309A SP




POSITIVE RECALL
EFFECTIVE 9/21/21 AUTH _____
RELEASED _____ DATE _____



Work Order ID 52254


Monday, September 21, 2009 2:25:02 PM



Page 4

Item ID: D3992-1 Accept  Setup Start 
Revision ID: A-PRELIM Stop 
Item Name: Reinforcement
Start Date: 9/22/2009 Start Qty: 1.00  Cust Item ID:
Required Date: 9/30/2009 Req'd Qty: 1.00  Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start 
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop 

| Sequence ID/ Work Center ID | Operation Description | Set Up/ Run Hours | Draw Number | Draw Rev. | Plan Code | Accept Qty | Reject Qty | Reject Number | Insp. Stamp |
|--|---|----------------------|----------------|--------------|--------------|---------------|---------------|------------------|----------------|
| 180  | QC21- Final Inspection - Work Order Release | 0.00 | | | | | | | |
| QC Quality Control | Memo | 0.00 | | | | | | | |

SEE ATTACHED ECN .

Picklist Print

Page 1

Monday, September 21, 2009 2:25:01 PM

Work Order ID: 52254



Parent Item: D3992-1RevA-PRELIM



Parent Item Name: Reinforcement


Start Date: 9/22/2009

Required Date: 9/30/2009

Comments:

Start Qty: 1.00

Required Qty: 1.00

| Component Item ID/ Item Name | Replacement Item ID | Mfg/ Purch | Bin Item | Primary Location | Last Location | Route Seq ID | Unit of Measure | Qty on Hand | Remaining Qty To Pick | Qty Issued | Date Issued | Status |
|--|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|--------------------------|---------------|----------------|--------|
| M6061T6S.080 | | Purchased | No | | | 100 | sf | 123.3712 | 0.0875 | 1750 | | |
|  | | | | | | | | | | | | |
| 6061-T6 .080 Sheet | | | | | | | | | | | | |

18 9-9-07

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

MAT

123.3712

107904

0.02

110254

2.5

110630

38.7544

112040

0.0437

112141

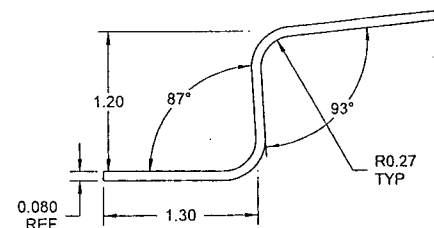
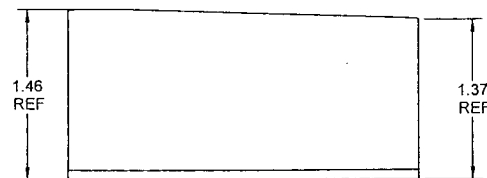
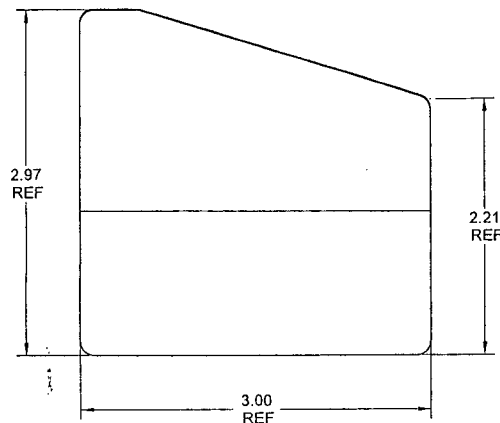
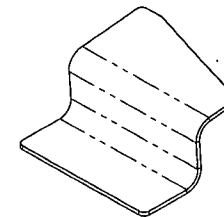
33

112512

49.0531

110630

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 52254



D3992-1 REINFORCEMENT
MADE FROM D3992-1F

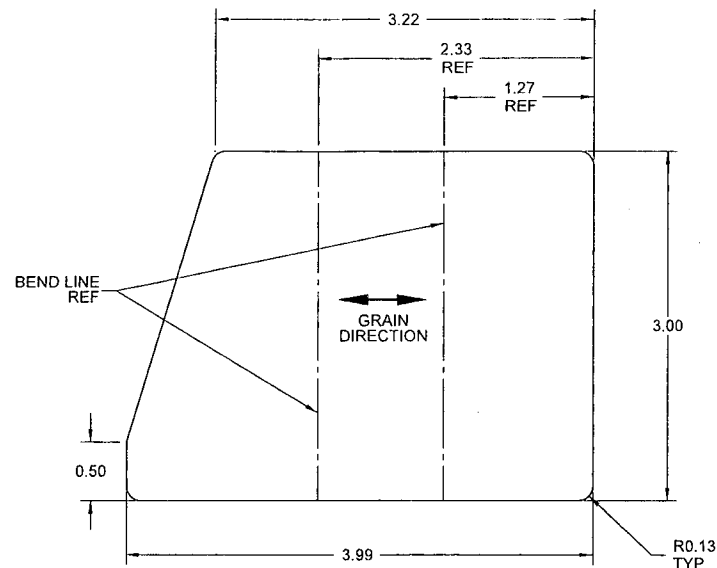
NOTES:

- 1) MATERIAL: D3992-1F
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3992-1" AND B/N USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: 0.03 lbs

PRELIMINARY ISSUE

| REV. | NEW ISSUE | DESCRIPTION | BY | DATE |
|------------|-----------|-------------|----|------|
| DESIGN | | | | |
| DRAWN | | | | |
| CHECKED | | | | |
| MFG. APPR. | | | | |
| APPROVED | | | | |
| DE APPR. | | | | |
| DATE | 09.09.14 | | | |

| | | |
|---|--------------|--------|
| DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA | | REV. A |
| DRAWING NO. D3992 | SHEET 1 OF 4 | |
| TITLE REINFORCEMENT | SCALE NTS | |
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D3992-1F REINFORCEMENT FLAT PATTERN

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 52254

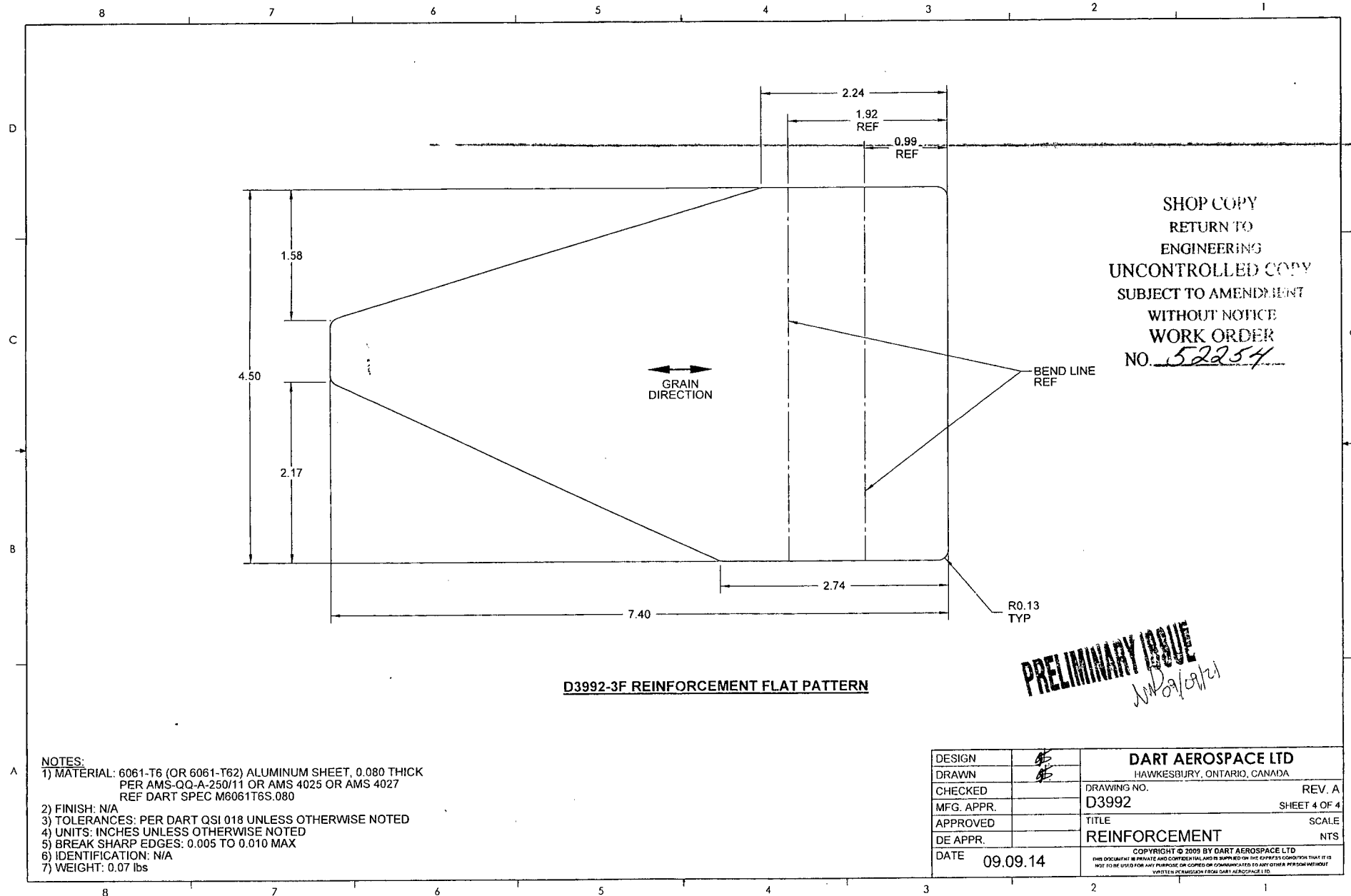
PRELIMINARY ISSUE

09/09/14 *and*

NOTES:

- 1) MATERIAL: 6061-T6 (OR 6061-T62) ALUMINUM SHEET, 0.080 THICK
PER AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027
REF DART SPEC M6061T6S.080
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.03 lbs

| | | | |
|------------|----------|--|--------------|
| DESIGN | | DART AEROSPACE LTD | |
| DRAWN | | HAWKESBURY, ONTARIO, CANADA | |
| CHECKED | | DRAWING NO. | REV. A |
| MFG. APPR. | | D3992 | SHEET 2 OF 4 |
| APPROVED | | TITLE | SCALE |
| DE APPR. | | REINFORCEMENT | NTS |
| DATE | 09.09.14 | <small>COPYRIGHT © 2009 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small> | |



Receiving Report

Date: 9/10/23

Batch No: 7110630

Supplier: MAGNA

Dart P/O: 9977

Packing Slip: Yes ☒ No ☐
 Invoice: Yes ☐ No ☒
 Receipt: Cash ☐ Cr ☐

Release Note Attached: Yes ☒ No ☐ N/A ☐
 Waybill Attached: Yes ☐ No ☒
 Shipment Complete: Yes ☒ No ☐ N/A ☐
 Q&S Inspection ☒ N/A ☐
 Work Order skd12 N/A ☒

Discrepancies

| Part Number | Description | Quantity Ordered | Quantity Received | Quantity Returned | Quantity Short | Comments |
|-------------|-------------|------------------|-------------------|-------------------|----------------|----------|
| | | | | | | |
| | | | | | | |
| | | | | | | |

Initials of receiver (if shipment OK) Level 12 [Signature]

Production/Admin: 09/10/27
 Date RCP 10055
 Received/Costing [Signature]
 Initial

Location _____

H:\FORMS\Purchasing\approved purch\RECREPORT Rev D

RECEIVED FEB 02 2009

01/26/09 15:50:49

| | |
|---------------|----------|
| Merchandise: | 1,830.00 |
| Surcharges: | 25.00 |
| No Tax Costs: | |
| GST | 92.75 |
| Total Due: | 1,947.75 |

Title to the goods sent out on this invoice remains with Magna Stainless Div of CSM ULC until such time as this invoice has been paid in full. Unless otherwise noted terms are 30 days. Interest accrues on all overdue accounts at the rate of 1.5% per month compounded monthly.

Q.S.T. # 1213236471
 G.S.T. # 881565899 RT0001

MU 21098

CERTIFIED INSPECTION REPORT

Alcoa Inc.

PITTSBURGH, PA DAVENPORT WORKS

We hereby certify that the material covered by this certificate has been inspected with, and has been found to meet, the applicable requirements described therein, including any specifications forming a part of the description and that samples representative of the material met the composition limits and had the mechanical properties shown on the face of this sheet.

Per: *Mark J. Vrablic*
Mark J. Vrablic
Director of Manufacturing Davenport Works

Kenton P. Young
Kenton P. Young
Quality Assurance Manager

933708
Ship Date 2008-06-26 B.L. No. 3006470 Invoice No. 00000 Alcoa No. Item 5144820-2
P.O. No./Govt Contract No. P80411HC003 Ln#: 2 Customer YARDE-SOUTHINGTON Mfg Order DS-44820-2
Ship From: RIVERDALE, IA. Page 1

Ship To: 1

Item Description
0.08 IN TK (+0 -.0045) X 48.0 IN W (+.125 -.125) X 144.0 IN LN (+.15625 -.15625) CAT D 126901 (N) A/T 6061-T6 FLAT SHEET FOR DISTRIBUTORS TOLERANCE GUARANTEED. AMS-QQ-A-250/11 EXC MRK AMS4027 REV M IS 2007 ANSIIH35.2 REV 2006 EXC MRK ASME-SB-209 REV 07 EXC MRK ASTM B209 REV 07 ((MARKED)) KRAFT PAPER INTERLEAVED MAX GROSS SKID WGT: 4750 LB QUAN TOL +/-30 % CQR D126901 REV 34 CUST REQ 08-06-16 *** W/E 08-06-28 ***

| Num | Package Ticket | Lot | Weight | Quantity | UOM | Pc Id/Ser1 |
|-----|----------------|--------|--------|----------|-----|------------|
| 1 | 655797 | 687363 | 3901 | 75 | PC | : |
| 2 | 655801 | 687363 | 3899 | 75 | PC | : |
| 3 | 655831 | 687363 | 3899 | 75 | PC | : |
| | | | 11699 | 225 | | |

5
8/16/26

Notes for CQR: D126901.34
PRODUCT PRODUCED AND MARKED TO THE REQUIREMENTS OF AMS-QQ-A-250/11 ALSO MEETS THE REQUIREMENTS OF QQ-A-250/11F. PROD UCT
PRODUCED AND MARKED TO THE REQUIREMENTS OF QQ-A-250/11 F ALSO MEETS THE REQUIREMENTS OF AMS-QQ-A-250/11.

CQR: D126901.34 -Specification Limits

| | | | | | | | | | | | | | | | | |
|----------------------|--------------|-----|------|------|------|------|-----|------|------|------|-------|-------|----------|--------|--|--|
| Tmpr | Dir | | UTS | TYS | EL4D | | | | | | | | | | | |
| T6 | Long Transv. | | KSI | KSI | PCT | | | | | | | | | | | |
| | | Max | | | | | | | | | | | | | | |
| | | Min | 42.0 | 35.0 | 10 | | | | | | | | | | | |
| Chemical Composition | | | | | | | | | | | | | | | | |
| | | | SI | FE | CU | MN | MG | CR | ZN | TI | Other | Other | | | | |
| | | Max | 0.8 | 0.7 | 0.40 | 0.15 | 1.2 | 0.35 | 0.25 | 0.15 | 0.05 | 0.15 | Aluminum | | | |
| Alloy 6061 | | Min | 0.40 | | 0.15 | | 0.8 | 0.04 | | | | | | REMAIN | | |

REMAIN

1. MAIL TEST REPORT NOW ON FILE
RECEIVED AND INSPECTED

JUL 02 2008

BY *[Signature]*

RYAN McDONALD, CERTIFICATION PROCESSOR

CERTIFIED INSPECTION REPORT

Alcoa Inc.

PITTSBURGH, PA DAVENPORT WORKS

Ship From: RIVERDALE, IA.

We hereby certify that the material covered by this certificate has been inspected with, and has been found to meet, the applicable requirements described therein, including any specifications forming a part of the description and that samples representative of the material met the composition limits and had the mechanical properties shown on the face of this sheet.

Mark J. Vreblec

Mark J. Vreblec
Director of Manufacturing Davenport Works

Kenton P. Young

Kenton P. Young
Quality Assurance Manager

933708
Ship Date

0
B.L. No.

2008-06-26

3006470

P.O. No./Govt Contract No.

Invoice No.

00000

Customer

Alcoa No. Item

5144820-2

Mfg Order

Page 2

P80411HC003 Ln#: 2

YARDE-SOUTHINGTON DS-44820-2

COR: D126901.34 -Specification Limits (cont.)

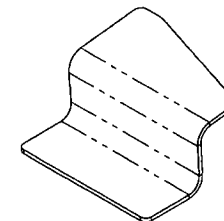
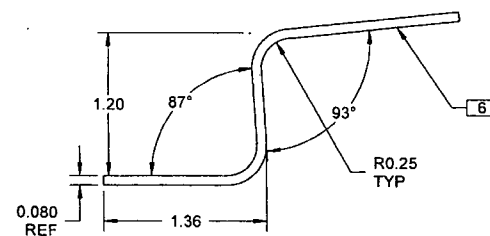
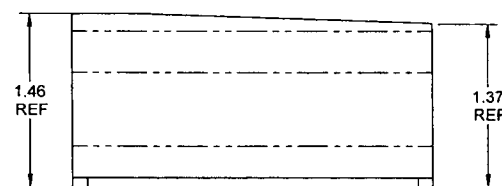
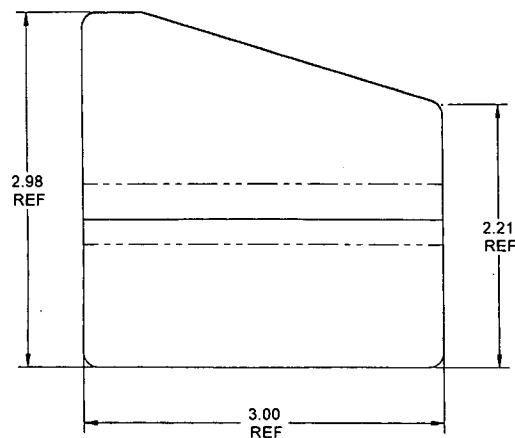
Lot: 687363

- Mechanical, Physical, Metallography, Quantometer Results

| Temp | Dir | No--> | UTS | TYS | EL4D |
|------|--------------|-------|------|------|------|
| T6 | Long Transv. | Test | KSI | KSI | PCT |
| | | 10 | 49.5 | 44.5 | 10.5 |
| | | | 49.3 | 44.6 | 10.7 |
| | | | 49.6 | 44.7 | 10.5 |
| | | | 49.5 | 44.6 | 10.3 |
| | | | 49.8 | 44.9 | 10.4 |
| | | | 49.9 | 45 | 10.2 |
| | | | 49.9 | 45.2 | 10.5 |
| | | | 49.6 | 44.7 | 10.5 |
| | | | 49.7 | 44.9 | 10.8 |
| | | | 49.7 | 44.6 | 10.7 |

| Cast Number | Chemical | SI | FE | CU | MN | MG | CR | ZN | TI |
|-------------|----------|------|-----|------|------|-----|------|------|------|
| H2791022 | Actuals | 0.66 | 0.4 | 0.27 | 0.07 | 1.0 | 0.18 | 0.06 | 0.02 |

This material was melted in the United States or a Qualifying Country [REF DFARS 225.872.1(a)]; it was manufactured in the United States



D3992-1 REINFORCEMENT
MADE FROM D3992-1F

RELEASE
2009-10-06

NOTES:

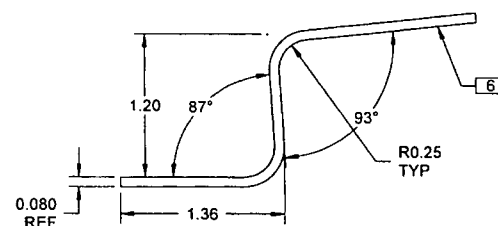
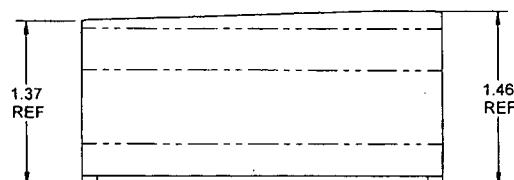
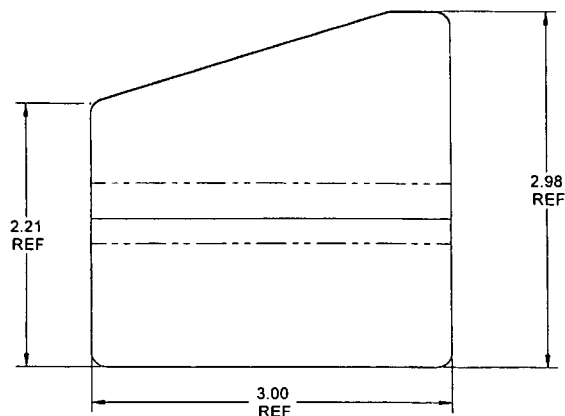
- 1) MATERIAL: MADE FROM D3992-1F
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3992-1" AND B/N USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: 0.03 lbs

| REV. | DESCRIPTION | BY | DATE |
|------------|-------------|----|----------|
| A | NEW ISSUE | | 09.09.28 |
| DESIGN | | | |
| DRAWN | | | |
| CHECKED | | | |
| MFG. APPR. | | | |
| APPROVED | | | |
| DE APPR. | | | |
| DATE | 09.09.28 | | |

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. **D3992** REV. A
TITLE **REINFORCEMENT** SCALE NTS

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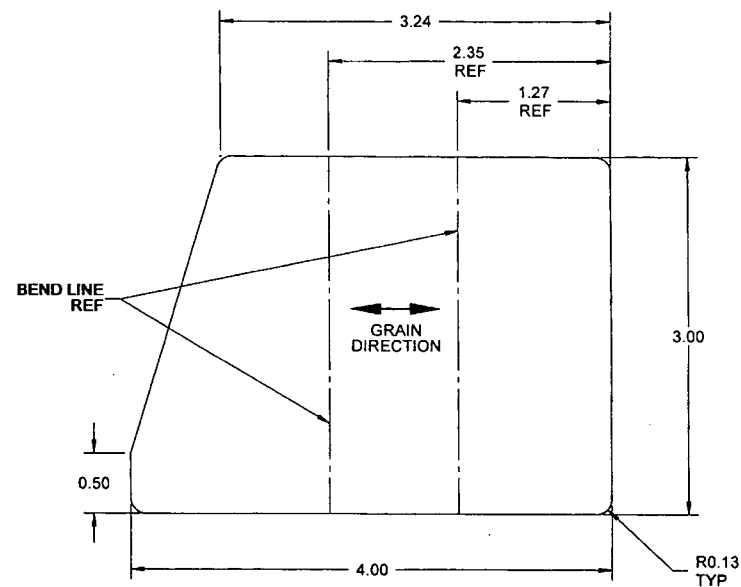
D3992-2 REINFORCEMENT
MADE FROM D3992-1F

52251
RELEASED
2009-10-08
JAD

NOTES:

- 1) MATERIAL: MADE FROM D3992-1F
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3992-2" AND B/N USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: 0.03 lbs






| | | | |
|--|----------|--|--------------|
| DESIGN | AS | DART AEROSPACE LTD | |
| DRAWN | AS | HAWKESBURY, ONTARIO, CANADA | |
| CHECKED | AS | DRAWING NO. | REV. A |
| MFG. APPR. | FE | D3992 | SHEET 2 OF 6 |
| APPROVED | 19 | TITLE | SCALE |
| DE APPR. | TH | REINFORCEMENT | NTS |
| DATE | 09.09.28 | COPYRIGHT © 2009 BY DART AEROSPACE LTD | |
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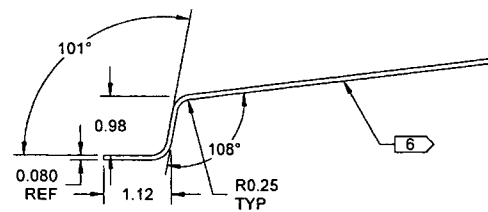
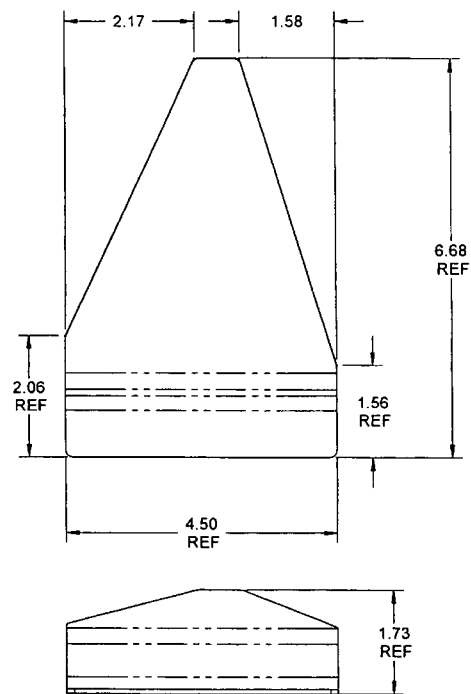


D3992-1F REINFORCEMENT FLAT PATTERN

NOTES:

- 1) MATERIAL: 6061-T6 (OR 6061-T62) ALUMINUM SHEET, 0.080 THICK
PER AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027
REF DART SPEC M6061T6S.080
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.03 lbs

| | | | |
|--|---|--|--------------|
| DESIGN |  | DART AEROSPACE LTD | |
| DRAWN |  | HAWKESBURY, ONTARIO, CANADA | |
| CHECKED | ALS | DRAWING NO. | REV. A |
| MFG. APPR. |  | D3992 | SHEET 3 OF 6 |
| APPROVED |  | TITLE | SCALE |
| DE APPR. |  | REINFORCEMENT | NTS |
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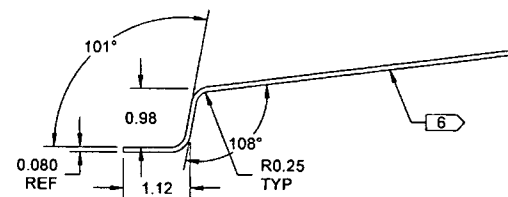
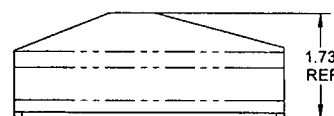
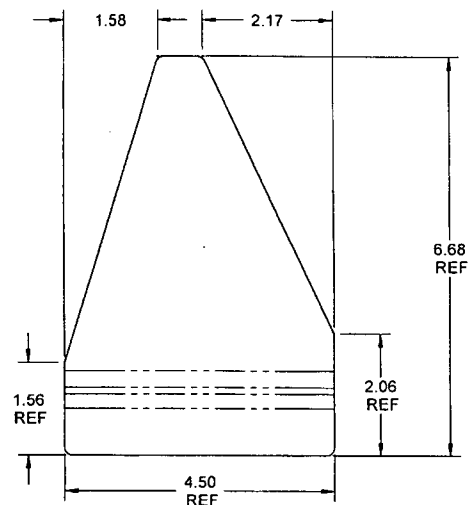
D3992-3 REINFORCEMENT
MADE FROM D3992-3F

52254
RELEASED
2009-10-08
W

NOTES:

- 1) MATERIAL: MADE FROM D3992-3F
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3992-3" AND B/N USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: 0.07 lbs

| | | | |
|------------|--------------------|---|--------------|
| DESIGN | <i>[Signature]</i> | DART AEROSPACE LTD | |
| DRAWN | <i>[Signature]</i> | HAWKESBURY, ONTARIO, CANADA | |
| CHECKED | <i>AJS</i> | DRAWING NO. | REV. A |
| MFG. APPR. | <i>[Signature]</i> | D3992 | SHEET 4 OF 6 |
| APPROVED | <i>[Signature]</i> | TITLE | SCALE |
| DE APPR. | <i>[Signature]</i> | REINFORCEMENT | NTS |
| DATE | 09.09.28 | COPYRIGHT © 2009 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD | |



D3992-4 REINFORCEMENT
MADE FROM D3992-3F

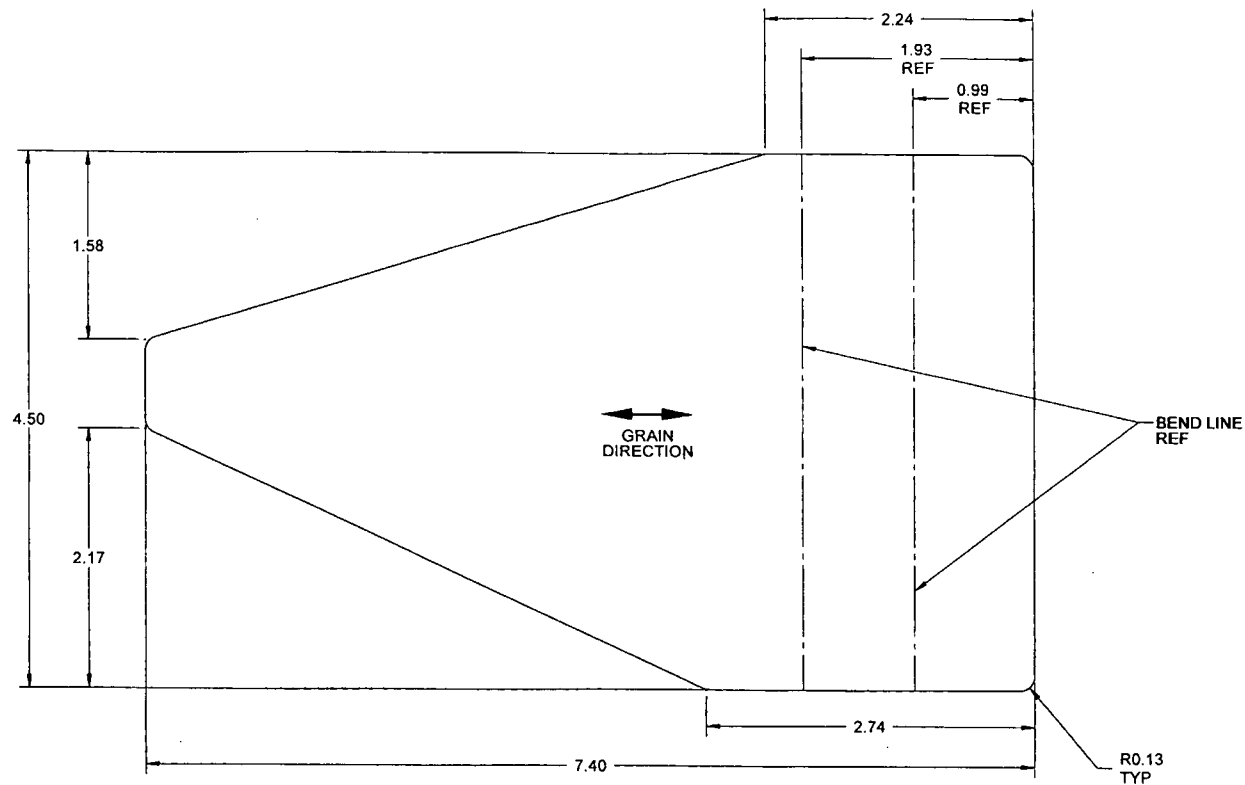
52254

RELEASED
2009-10-08
JAP

NOTES:

- 1) MATERIAL: MADE FROM D3992-3F
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3992-4" AND B/N USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: 0.07 lbs

| | | | |
|------------|----------|---|--------------|
| DESIGN | AS | DART AEROSPACE LTD | |
| DRAWN | AS | HAWKESBURY, ONTARIO, CANADA | |
| CHECKED | AS | DRAWING NO. | REV. A |
| MFG. APPR. | E | D3992 | SHEET 5 OF 6 |
| APPROVED | AS | TITLE | SCALE |
| DE APPR. | AS | REINFORCEMENT | NTS |
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D3992-3F REINFORCEMENT FLAT PATTERN

NOTES:

- 1) MATERIAL: 6061-T6 (OR 6061-T62) ALUMINUM SHEET, 0.080 THICK
PER AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027
REF DART SPEC M6061T6S.080
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- IDENTIFICATION: N/A
- WEIGHT: 0.07 lbs

| | | | |
|------------|-------------|--|--------------|
| DESIGN | <i>DE</i> | DART AEROSPACE LTD | |
| DRAWN | <i>DE</i> | HAWKESBURY, ONTARIO, CANADA | |
| CHECKED | <i>A.S.</i> | DRAWING NO. | REV. A |
| MFG. APPR. | <i>DE</i> | D3992 | SHEET 6 OF 6 |
| APPROVED | <i>NO</i> | TITLE | SCALE |
| DE APPR. | <i>DE</i> | REINFORCEMENT | NTS |
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5/ WE.

ENGINEERING CHANGE NOTICE **DART AEROSPACE LTD**

| | | | | |
|---|-----------------------|---------------------------|-----------|-----------------|
| Date: 09.09.21 | Job No.: P2010009 | ADR Yes/No: No | ADR Date: | ECN #: 09- 673P |
| Product No.: D350-600 / <u>D30-780 / D412-698</u> | Created By: HS | Approved By: <u>AP</u> | | |
| Product Name: AS 350 Spacepod/Hinge Door kits | Checked By: <u>MM</u> | General Manager Approval: | | |

| Distribution | Reqd | Resp | Initial / Date |
|------------------------------|------|---------------|--------------------|
| Production Manager | Y | LL | <u>LL 09/09/21</u> |
| Production Engineering Coord | Y | EC | <u>EC 09/09/21</u> |
| Production Document Control | N | EC | |
| Customer Technical Support | N | EC | |

| Distribution | Reqd | Resp | Initial / Date |
|---------------------------|------|------|----------------|
| DQA / QA Coord | N | | |
| QC Coordinator | N | | |
| Marketing | N | | |
| Customer Order Processing | N | | |

Reason for Change:
Prelimin Release for parts for testing

Documents Affected:
D3622 Rev. B
D3991 Rev. A
D3992 Rev. A

PARTS MUST COMPLY ☒ **PREVIOUS PARTS SATISFACTORY** ☐

| # | Quality Assurance Actions | Reqd | Resp | Notes | Complete |
|---|---------------------------|------|------|-------|----------|
| 1 | Notify Previous Customers | N | | | |
| 2 | Notify Eurocopter France | N | | | |
| 3 | | | | | |

| # | Engineering Actions | Reqd | Resp | Notes | Complete |
|---|--|------|------|-------|----------|
| 4 | Required Documents/Drawings Under Review | N | | | |
| 5 | Update Product Compatability Matrix | N | | | |
| 6 | Create Eurocopter Form (FEE) | N | | | |
| 7 | Notify TC / FAA of Change | N | | | |

| # | Document Control Actions | Reqd | Resp | Notes | Complete |
|----|---|------|------|-------|--------------------|
| 8 | Move Electronic Files | N | | | |
| 9 | Update Blue/Pink/DSI Folder and Electronic Files | N | | | |
| 10 | Update Controlled PDF Files | N | | | |
| 11 | Update Master Document List (MDL) | N | | | |
| 12 | Update Document Record (DR) | N | | | |
| 13 | Update Product Development Summary | N | | | |
| 14 | Update QSI 021 and/or STC Approval List | N | | | |
| 15 | Update Parts / STC Database | Y | KJ | | 09.09.21 <u>AP</u> |
| 16 | Update / Verify ARC Database | N | | | |
| 17 | Create / Update Change Record Form | N | | | |
| 18 | Create / Update PPP's | N | | | |
| 19 | Update Document Control Database / Laminated Dwgs | N | | | |
| 20 | Update Grey Project Binder | N | | | |
| 21 | Update D-Part/M-Drawing/DSI/DEO Master Binders | N | | | |
| 22 | | | | | |
| 23 | | | | | |

Description / Action:
 - Parts required for testing, to be sent to Calgary on or before 09.09.25
 - Quantity required; D3622-3 (2), D3991-1 (1), D3991-3 (1), D3992-1 (1), D3992-3 (1)
 - create estimates for D3622-3, D3991-1, D3991-3, D3992-1, D3992-3
 - AS PARTS WILL BE USED FOR TESTING NO FINISHING IS REQUIRED. NO DMT L CERTS

ECN Verified & Complete: MM

Date: 09/09/21